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J. H. Lane  
2-21-01

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of )  
BOFFITO, et al. ) Group Art Unit: 3404  
Application No.: 08/675,969 )  
Patent No.: 5,408,832 ) Examiner:  
Filed: July 21, 1994 )  
Issued: April 25, 1995 )  
Reissue filed: July 5, 1996 ) Atty. Docket No.: SAESP050  
For: THERMALLY INSULATING JACKET ) Date: February 7, 2001  
AND RELATED PROCESS )

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CERTIFICATE OF MAILING

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Signed:   
Wanda Barton

SUPPLEMENTAL AMENDMENT

Commissioner for Patents  
**Box Reissue**  
Washington, D.C. 20231

Sir:

In accordance with the Quayle action mailed August 22nd, 2001, and for which a 4 month extension has been paid, please underline claims 24 and 25, added in a previous reissue amendment, as follows:

Attorney docket SAESP050

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Claim 24. A thermal insulation jacket, comprising:

an inner wall and an outer wall that define an inner space that can be evacuated so as to form a vacuum;

an insulating material filling the inner space between the inner and outer walls;

the inner space including a getter that is able to absorb both water vapor and at least a second type of gas or vapor from the inner space;

the inner space also including a water sorbing material for sorbing the water vapor;

a container for the getter and water sorbing material positioned in the inner space, the container being divided into inner and outer zones and being made of a material that is water free;

the getter being positioned in the inner zone of the container and the water absorber filling the outer zone of the container; and

the outer zone of the container communicating with both the inner space and with the inner zone of the container and the inner zone of the container communicating with only the outer zone of the container so that the water absorber prevents water vapor in the inner space from reaching the getter.

Claim 25. A method for producing a thermally insulating jacket, comprising:

evacuating an inner space defined by inner and outer walls to form a vacuum;

filling an inner space of the jacket with insulating material, the inner space being defined by an inner wall and an outer wall;

providing for absorbing both water vapor and at least a second type of gas or vapor from the inner space with a getter;

providing for sorbing water vapor with a water sorbing material;

positioning the getter and water sorbing material in the inner space in a container  
that is impervious to water vapor;

subdividing the container into an inner zone and an outer zone, the getter being  
positioned in the inner zone of the container and the water absorber filling the outer zone  
of the container;

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placing the outer zone of the container in communication with both the inner  
space and the inner zone of the container, and placing the inner zone of the container in  
communication with only the outer zone of the container so that the water absorber in the  
outer zone prevents the water vapor from reaching the getter;

evacuating the inner space to a predetermined level of pressure; and

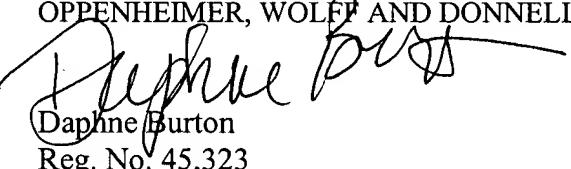
sealing the inner space with the container therein so that the water sorber  
continues sorbing the water vapor and the getter continues absorbing the second gas or  
vapor.

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#### Remarks

In the August 22st, 2000 Quayle action, applicant was requested to underline claims 24 and 25. The above amendment performs this, but otherwise leaves the claims unchanged from the previous amendment.

Respectfully submitted,  
OPPENHEIMER, WOLFF AND DONNELLY, LLP

  
Daphne Burton  
Reg. No. 45,323

1825 Eye St., Suite 400, Washington DC 20006  
Tele: 202-775-4180